

Category:  
weathering

## Title:

**Cooled gas discharge lamp with light filter - using coloured glass particles in lamp jacket for spectrum correction**

## Patent Assignee:

DOINIKOV A S

DOIN/

## Abstract:

Abstract (Basic): SU 539344A

Gas discharge lamp with liquid cooling system for selective illumination spectrum is used for plant growth research and sunlight imitation. The lamp contains gas discharge element inside coaxial tubes forming inner channel for circulation of coolant and outer channel for light filter.

The light filtering layer consists of granulated colour glass particles, composition of which provides selected spectrum.

The filter is connected to coolant circulation system by mesh diaphragms.

Patent Family: If available, click on fulltext doclink to view the associated fulltext/image doc.

Fulltext Doclink	Cntry	Serial	Kind	Date	Week	Pages	Lang
	SU	539344	A	19761228	197729	000	-

## Priorities:

Country	Serial	Date	Type
SU	2066578	19741014	A

## IPC:

Class	Group	Sub-Group
H01J	061	38

## Manual Codes:

CPI	EPI
L03-C01	
L03-C04B	

## Derwent Class:

L03  
V05  
X26

## Indexing Terms:

Standard Thesaurus Terms	Additional Indexing Terms
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